

SpInside MacintoshTM

An on-line development prototype of
Apple's *Inside Macintosh* Volumes I-V

Stack Version: 1.0 • November 1989
HyperCard Version: 2.4.1
System Version: 8.96
Monitors Setting: 8-bit, Color



Apple
Developer Group

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APPENDIX B: ROUTINES THAT MAY MOVE OR PURGE MEMORY

This appendix lists all the routines that may move or purge blocks in the heap. As described in the Memory Manager chapter, calling these routines may cause problems if a handle has been dereferenced. None of these routines may be called from within an interrupt, such as in a completion routine or a VBL task.

The Pascal name of each routine is shown, except for a few cases where there's no Pascal interface corresponding to a particular trap; in those cases, the trap macro name is shown instead (without its initial underscore character).

ActivatePalette
ADBReInit
AddComp
AddResMenu
AddSearch
Alert
AllocCrsr
AppendMenu
ATPAddRsp
ATPCloseSocket
ATPGetRequest
ATPLoad
ATPOpenSocket
ATPReqCancel
ATPRequest
ATPResponse
ATPRspCancel
ATPSndRequest
ATPSndRsp
ATPUnload
BackColor
BackPat
BackPixPat
BeginUpdate
BringToFront
Button
CalcMenuSize
CalcVis
CalcVisBehind
CautionAlert
Chain
ChangedResource
Char2Pixel
CharWidth
CharWidth
CheckItem
CheckUpdate
ClipAbove
ClipRect
ClipRect
CloseCPort
CloseDialog
ClosePicture
ClosePicture
ClosePoly
ClosePoly
ClosePort
ClosePort
CloseResFile
CloseRgn
CloseRgn
CloseWindow
CMY2RGB
Color2Index

CompactMem
Control
CopyBits
CopyBits
CopyMask
CopyPalette
CopyRgn
CopyRgn
CouldAlert
CouldDialog
CreateResFile
CStr2Dec
CTab2Palette
DDPCloseSocket
DDPOpenSocket
DDPRdCancel
DDPRead
DDPWrite
Dec2Str
DelComp
DelMCEntries
DelMenuItem
DelSearch
DialogSelect
DIBadMount
DiffRgn
DiffRgn
DIFormat
DILoad
DiskEject
DispMCInfo
DisposCIcon
DisposCTable
DisposDialog
DisposeControl
DisposeMenu
DisposePalette
DisposeRgn
DisposeRgn
DisposeWindow
DisposGDevice
DisposHandle
DisposPixMap
DisposPixPat
DisposPtr
DIUnload
DIVerify
DIZero
DlgCopy
DlgCut
DlgDelete
DlgPaste
DragControl
DragGrayRgn
DragWindow

Draw1Control
DrawChar
DrawChar
DrawDialog
DrawGrowIcon
DrawJust
DrawMenuBar
DrawNew
DrawPicture
DrawPicture
DrawString
DrawString
DrawText
DrawText
DriveStatus
DrvrInstall
DrvrRemove
Eject
EmptyHandle
EndUpdate
EraseArc
EraseArc
EraseOval
EraseOval
ErasePalette
ErasePoly
ErasePoly
EraseRect
EraseRect
EraseRgn
EraseRgn
EraseRoundRect
EraseRoundRect
EventAvail
ExitToShell
FillArc
FillArc
FillArc
FillCOval
FillCPoly
FillCRect
FillCRgn
FillCRoundRect
FillOval
FillOval
FillPoly
FillPoly
FillRect
FillRect
FillRgn
FillRgn
FillRoundRect
FillRoundRect
FindControl
FindDItem

FindWord
Fix2SmallFract
FlashMenuBar
FlushVol
FMSwapFont
FMSwapFont
Font2Script
FontMetrics
FontScript
ForeColor
FrameArc
FrameArc
FrameOval
FrameOval
FramePoly
FramePoly
FrameRect
FrameRect
FrameRgn
FrameRgn
FrameRoundRect
FrameRoundRect
FreeAlert
FreeDialog
FreeMem
Get1IndResource
Get1IndType
Get1NamedResource
Get1Resource
GetAuxCtl
GetCCursor
GetCIcon
GetClip
GetColor
GetCTable
GetCursor
GetDCtlEntry
GetDItem
GetFNum
GetFontInfo
GetFontInfo
GetFontName
GetGrayRgn
GetIcon
GetIndPattern
GetIndResource
GetIndString
GetKeys
GetMCInfo
GetMenu
GetMenuBar
GetMouse
GetNamedResource
GetNewControl
GetNewCWindow

GetNewDialog
GetNewMBar
GetNewPalette
GetNewWindow
GetNextEvent
GetPattern
GetPicture
GetPixPat
GetResource
GetScrap
GetString
GetStylHandle
GetStylScrap
GetSubTable
GrowWindow
HandAndHand
HandToHand
HideControl
HideDItem
HideWindow
HiliteControl
HiliteMenu
HiliteText
HiliteWindow
HSL2RGB
HSV2RGB
InitAllPacks
InitApplZone
InitCPort
InitFonts
InitGDevice
InitGraf
InitMenus
InitPack
InitPalettes
InitPort
InitPort
InitPRAMRecs
InitProcMenu
InitResources
InitSDeclMgr
InitsRsrcTable
InitWindows
InitZone
InsertMenu
InsertResMenu
InsetRgn
InsetRgn
InsMenuItem
IntlScript
InvalRect
InvalRgn
InvertArc
InvertArc
InvertOval

InvertOval
InvertPoly
InvertPoly
InvertRect
InvertRect
InvertRgn
InvertRgn
InvertRoundRect
InvertRoundRect
IUCompString
IUDatePString
IUDateString
IUEqualString
IUGetIntl
IUMagIDString
IUMagString
IUMetric
IUSetIntl
IUTimePString
IUTimeString
KeyScript
KillControls
KillPicture
KillPicture
KillPoly
KillPoly
LAPCloseProtocol
LAPOpenProtocol
LAPRdCancel
LAPRead
LAPWrite
Launch
Line
Line
LineTo
LineTo
LoadResource
LoadScrap
LoadSeg
MakeITable
MapRgn
MapRgn
MeasureJust
MeasureText
MeasureText
MenuKey
MenuSelect
ModalDialog
MoreMasters
MoveControl
MoveHHi
MoveHHi
MoveWindow
MPPClose
MPPOpen

Munger
NBPCConfirm
NBPEExtract
NBPLoad
NBPLookup
NBPRegister
NBPRemove
NBPUncload
NewCDialog
NewControl
NewCWindow
NewDialog
NewEmptyHandle
NewGDevice
NewHandle
NewMenu
NewPalette
NewPixMap
NewPixPat
NewPort
NewPtr
NewRgn
NewRgn
NewString
NewWindow
NoteAlert
NumToString
OpenCPicture
OpenCPort
OpenDeskAcc
OpenPicture
OpenPicture
OpenPixMap
OpenPoly
OpenPoly
OpenPort
OpenPort
OpenPort
OpenResFile
OpenRFPern
OpenRgn
OpenRgn
PaintArc
PaintArc
PaintBehind
PaintOne
PaintOval
PaintOval
PaintPoly
PaintPoly
PaintRect
PaintRect
PaintRgn
PaintRgn
PaintRoundRect

PaintRoundRect
Palette2CTab
ParamText
PBControl
PBEject
PBFlushVol
PBMountVol
PBOffLine
PBOpen
PBOpenRF
PBStatus
PenNormal
PenPat
PenPixPat
PicComment
Pixel2Char
PlotCIcon
PlotIcon
PMBackColor
PMForeColor
PopUpMenuSelect
PrClose
PrClose
PrCloseDoc
PrCloseDoc
PrClosePage
PrClosePage
PrCtlCall
PrCtlCall
PrDrvrClose
PrDrvrDCE
PrDrvrDCE
PrDrvrOpen
PrDrvrVers
PrDrvrVers
PrError
PrGeneral
PrintDefault
PrintDefault
PrJobDialog
PrJobDialog
PrJobMerge
PrJobMerge
PrOpen
PrOpen
PrOpenDoc
PrOpenDoc
PrOpenPage
PrOpenPage
PrPicFile
PrPicFile
PrSetError
PrStlDialog
PrStlDialog
PrValidate

PrValidate
PStr2Dec
PtrAndHand
PtrToHand
PtrToXHand
PurgeMem
PutScrap
RAMSDClose
RAMSDOpen
RealColor
RealFont
ReallocHandle
RecoverHandle
RectRgn
ReleaseResource
ResrvMem
Restart
RGB2CMY
RGB2HSL
RGB2HSV
RGBBackColor
RGBForeColor
RGetResource
RmveResource
RsrcZoneInit
SaveOld
ScrollRect
ScrollRect
SectRgn
SectRgn
SelectWindow
SelIText
SendBehind
SerClrBrk
SerGetBrk
SerHShake
SerReset
SerSetBrk
SerSetBuf
SerStatus
SetApplBase
SetCCursor
SetClip
SetCPixel
SetCTitle
SetCtlColor
SetCtlMax
SetCtlMin
SetCtlValue
SetDeskCPat
SetDItem
SetEmptyRgn
SetEmptyRgn
SetFontLock
SetHandleSize

SetItem
SetItemIcon
SetItemMark
SetItemStyle
SetIText
SetMCEntries
SetMCInfo
SetPtrSize
SetRectRgn
SetRectRgn
SetResInfo
SetString
SetStylHandle
SetTagBuffer
SetWinColor
SetWTitle
sExec
SFGetFile
SFPGetFile
SFPPutFile
SFPutFile
sGetBlock
sGetcString
sGetDriver
ShowControl
ShowDItem
ShowHide
ShowWindow
ShutDwnInstall
ShutDwnRemove
SizeControl
SizeWindow
SmallFract2Fix
SndAddModifier
SndDisposeChannel
SndNewChannel
sPrimaryInit
StartSound
Status
StdArc
StdArc
StdBits
StdBits
StdComment
StdComment
StdLine
StdLine
StdOval
StdOval
StdPoly
StdPoly
StdPutPic
StdPutPic
StdRect
StdRect

StdRgn
StdRgn
StdRRect
StdRRect
StdText
StdText
StdTxMeas
StdTxMeas
StillDown
StopAlert
StopSound
StringToNum
StringWidth
StringWidth
SysBeep
SysError
SystemClick
SystemEdit
SystemMenu
TEActivate
TEAutoView
TECalText
TEClick
TECopy
TECut
TEDeactivate
TEDelete
TEDispose
TEFromScrap
TEGetHeight
TEGetOffset
TEGetPoint
TEGetStyle
TEGetText
TEIdle
TEInit
TEInsert
TEKey
TENew
TEPaste
TEPinScroll
TEReplaceStyle
TEScroll
TESelView
TESetJust
TESetSelect
TESetStyle
TESetText
TestControl
TEStylInsert
TEStylNew
TEStylPaste
TEToScrap
TEUpdate
TextBox

TextWidth
TextWidth
TickCount
TrackBox
TrackControl
TrackGoAway
Transliterate
UnionRgn
UnionRgn
UnloadScrap
UnloadSeg
UpdtControl
UpdtDialog
ValidRect
ValidRgn
WaitMouseUp
XorRgn
XorRgn
ZeroScrap
ZoomWindow



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